AMENDMENTS TO THE CLAIMS

Claims 1-37 were filed originally and were pending at the time of the Action.

Claims 18-19 are canceled.

Claims 1, 16, 17, 24, 27, and 33 are amended.

Accordingly, claims 1-17 and 20-37 remain pending.

1.   (Currently amended)   A command line utility embodied in one or more computer-readable media, the command line utility comprising:

a command schema including one or more commands enabling at least one of retrieval of management information from and initiation of a management service available through an object model target schema recognized by at least one target station accessible over a network;

an interactive user interface configured to receive the one or more commands in the command schema from a user and communicate a response of the at least one target station to the user; and

an object model command schema to define a mapping between the one or more commands in the command schema and the an object model target schema and interpret the one or more commands from generated by the command schema to cause one of the retrieval of management information from and the initiation of the management service on the at least one target and configured to operate against the target schema through the command line utility.

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2. (Original) A command line utility as recited in claim 1, the command schema comprising:

an alias class which defines a command template, each alias of the alias class representing a single command.

3. (Original) A command line utility as recited in claim 2, the command schema further comprising:

a verb class as a subclass to the alias class, each instance of the verb class representing a behavior available through an alias;

a format class as a subclass to the alias class, each instance of the format class representing a list of properties that will be returned through processing an alias; and

a connection class as a subclass to the alias class, each instance of the connection class providing parameters used through an alias when establishing a connection to a target namespace within the target schema.

4. (Original) A command line utility as recited in claim 3, the command schema further comprising:

a parameter class as a subclass to the verb class, each instance of the parameter class representing parameters accepted by a verb from the verb class.

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5.   (Original)   A command line utility as recited in claim 3, the command schema further comprising:

a property class as a subclass to the format class, each instance of the property class representing property values for properties within a list of properties.

6.   (Original)   A command line utility as recited in claim 2, the command schema further comprising:

a localized string class, each instance of the localized string class providing language-specific text relevant to an alias.

7.   (Original)   A command line utility as recited in claim 2, the command schema further comprising:

a qualifiers class, each instance of the qualifiers class representing qualifiers to be applied to elements of an alias.

8.   (Original)   A command line utility as recited in claim 2, the command schema further comprising:

a see-also association, each instance of the see-also association providing associations to aliases which are related to an alias.

9.   (Original)   A command line utility as recited in claim 1, wherein the one or more commands are organizable into role-oriented namespace, such that commands related to particular administrative tasks are found together.

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10.   (Original)   A command line utility as recited in claim 1, wherein the command schema is extensible to permit the generation of additional commands to be added to the one or more commands.

11.   (Original)   A command line utility as recited in claim 1, wherein the command schema is configurable to permit reconfiguration of the one or more commands.

12.   (Original)   A command line utility as recited in claim 1, the command schema comprising:

an alias class to define alias instances, each alias instance representing a single command;

a verb class to define verb instances, each verb instance representing behavior available through an alias instance;

a parameter class to define parameters accepted by a verb instance;

a format class to define format instances, each format instance having a list of properties to be displayed through an alias instance;

a property class to define property instances, each property instance representing a property value from a property list;

a connection class to define connection instances, each connection instance representing connection parameters used by an alias instance to establish a connection to the target schema;

a qualifier class to define qualifier instances, each qualifier instance representing constraints on elements of an alias instance;

a localized string class to define localized string instances, each localized string instance representing a text localization for translating text into a localized language; and

a see-also association to associate an alias instance with other related alias instances.

13.   (Original)   A command line utility as recited in claim 1, wherein the target schema comprises a WMI object model.

14.   (Original)   A command line utility as recited in claim 1, wherein the command schema is a plurality of command schemas, each command schema representing an instant set of one or more commands.

15.   (Original)   A command line utility as recited in claim 1, wherein the command schema resides on a local machine and the target schema resides on one or more remote machines.

16.   (Currently amended)   A management command system An object model schema for at least one of retrieving management information and initiating of a management service available through an object model target schema recognized by at least one target station accessible over a network, the management command system comprising:

an interactive user interface configured to receive one or more commands in the command schema from a user and communicate a response of the at least one target station to the user; and

a control schema including the one or more commands to be received by the interactive user interface, including:

an alias class to define alias instances, each alias instance representing the at least one command;

a verb class to define verb instances, each verb instance representing behavior available through an alias instance;

a parameter class to define parameters accepted by a verb instance;

a format class to define format instances, each format instance having a list of properties to be displayed through an alias instance;

a property class to define property instances, each property instance representing a property value from a property list;

a connection class to define connection instances, each connection instance representing connection parameters used by an alias instance to establish a connection to the target schema;

a qualifier class to define qualifier instances, each qualifier instance representing constraints on elements of an alias instance;

a localized string class to define localized string instances, each localized string instance representing a text localization for translating text into a localized language; and

a see-also association to associate an alias instance with other related alias instances.

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17. (Currently amended) A management application embodied in one or more computer-readable media, the management application comprising:

a set of commands generated by an object model command schema to operate against an object model target schema, the command schema defining a mapping between the set of commands and the target schema; and

an interactive interface utility configured to receive a user command to facilitate implementation of individual commands within the set of commands, wherein the interactive interface utility includes at least one of:

a command line interface utility configured to receive textual entry of the user command; and

a graphical user interface utility.

18. (Canceled).

19. (Canceled).

20. (Original) A management application as recited in claim 17, wherein the set of commands is organizable into role-oriented namespace, such that individual commands related to particular administrative tasks are found together.

21. (Original) A management application as recited in claim 17, wherein the command schema is extensible to permit the generation of additional commands to be added to the set of commands.

22. (Original) A management application as recited in claim 17, wherein the command schema is configurable to permit reconfiguration of individual commands in the set of commands.

23. (Original) A management application as recited in claim 17, wherein the command schema comprises:

an alias class to define alias instances, each alias instance representing a command within the set of commands;

a verb class to define verb instances, each verb instance representing behavior available through an alias instance;

a parameter class to define parameters accepted by a verb instance;

a format class to define format instances, each format instance having a list of properties to be displayed through an alias instance;

a property class to define property instances, each property instance representing a property from a property list;

a connection class to define connection instances, each connection instance representing connection parameters used by an alias instance to establish a connection to the target schema object model;

a qualifier class to define qualifier instances, each qualifier instance representing constraints on elements of an alias instance;

a localized string class to define localized string instances, each localized string instance representing a text localization for translating text into a localized language; and

a see-also association to associate an alias instance with other related alias instances.

24. (Currently amended)   A management application embodied in one or more computer-readable media, the management application comprising:

a first object model to control ~~the~~ configuration and behavior of the management application in operating against and managing a second object model operating on at least one target system accessible over a network, the first object model including:

a set of commands for directing the configuration and the behavior of the management application; and

a command schema defining a mapping between the set of commands and instructions understandable by the second object model; and

an interactive interface configured to receive the set of commands from a user, wherein the interactive interface includes at least one of:

a command line interface utility configured to receive textual entry of the user command; and

a graphical user interface utility.

25. (Original)   A management application as recited in claim 24, wherein the first object model comprises:

an alias class to define alias instances, each alias instance representing a command used by the management application;

a verb class to define verb instances, each verb instance representing behavior available through an alias instance;

a parameter class to define parameters accepted by a verb instance;

a format class to define format instances, each format instance having a list of properties to be displayed through an alias instance;

a property class to define property instances, each property instance representing a property from a property list;

a connection class to define connection instances, each connection instance representing connection parameters used by an alias instance to establish a connection to the second object model;

a qualifier class to define qualifier instances, each qualifier instance representing constraints on elements of an alias instance;

a localized string class to define localized string instances, each localized string instance representing a text localization for translating text into a localized language; and

a see-also association to associate an alias instance with other related alias instances.

26.   (Original)   A management application as recited in claim 24, wherein the second object model comprises a WMI object model.

27.   (Currently amended)   A method comprising:

receiving a command from a user through an interactive command line interface;

fetching an alias for the command;

interpreting the command based on the alias and the current operating environment of the command line interface;

executing the command as one or more WMI API calls against a targeted namespace representing at least one target system that is accessible via a network;

receiving WMI data in XML form;

applying an XSL style sheet format the WMI data; and

presenting the WMI data through the command line interface.

28. (Original) A method as recited in claim 27, wherein the alias is an instance of an alias class.

29. (Original) A method as recited in claim 28, wherein the alias and the current operating environment are determined by command entries to the command line interface.

30. (Original) A method as recited in claim 28, wherein the alias class is the primary class in a command schema.

31. (Original) A method as recited in claim 30, wherein the command schema additionally includes:

a verb class to define verb instances, each verb instance representing behavior available through an alias;

a parameter class to define parameters accepted by a verb instance;

a format class to define format instances, each format instance having a list of properties to be displayed through an alias;

a property class to define property instances, each property instance representing a property from a property list;

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a connection class to define connection instances, each connection

instance representing connection parameters used by an alias to establish a

connection to the target namespace;

a qualifier class to define qualifier instances, each qualifier instance

representing constraints on elements of an alias;

a localized string class to define localized string instances, each

localized string instance representing a text localization for translating text into a

localized language; and

a see-also association to associate an alias with other related aliases.

32. (Original) One or more computer-readable media storing

computer-executable instructions that, when executed on one or more processors,

perform the method of claim 27.

33. (Currently amended) A method of managing objects in a target

schema comprising:

providing an interactive user interface configured to receive

commands from a user;

defining a command structure through an object-oriented command

schema, the command schema including an alias class;

instantiating an object of the alias class as an alias by receiving

parameters of the alias class via the commands received from the user through the

user interface, the alias representing a command which maps to an object in the

target schema maintained on at least one target system accessible via a network

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configured to at least one of retrieve management information and initiate a management service; and

      executing the command against the object in the target schema.

34.   (Original)   A method as recited in claim 33, further comprising:

      receiving data related to the object in the target schema in XML form;

      retrieving an XSL file from a location defined through the alias;

      formatting the data for display by applying an XSL style sheet from the XSL file; and

      displaying the data through the user interface.

35.   (Original)   A method as recited in claim 33, wherein the user interface is a command line user interface.

36.   (Original)   A method as recited in claim 33, wherein the user interface is a graphical user interface.

37.   (Original)   One or more computer-readable media storing computer-executable instructions that, when executed on one or more processors, perform the method of claim 33.

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